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JOINT PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

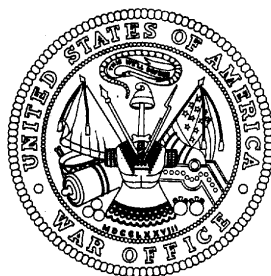
RAILROAD YARDS AND SHOPS

JOB NO. 78T04753A NOVOSIBIRSK, USSR

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HTA/JM-1/58

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RAILROAD YARDS AND SHOPS

NOVOSIBIRSK, USSR

HTA/JM-1/58  
10 March 1958

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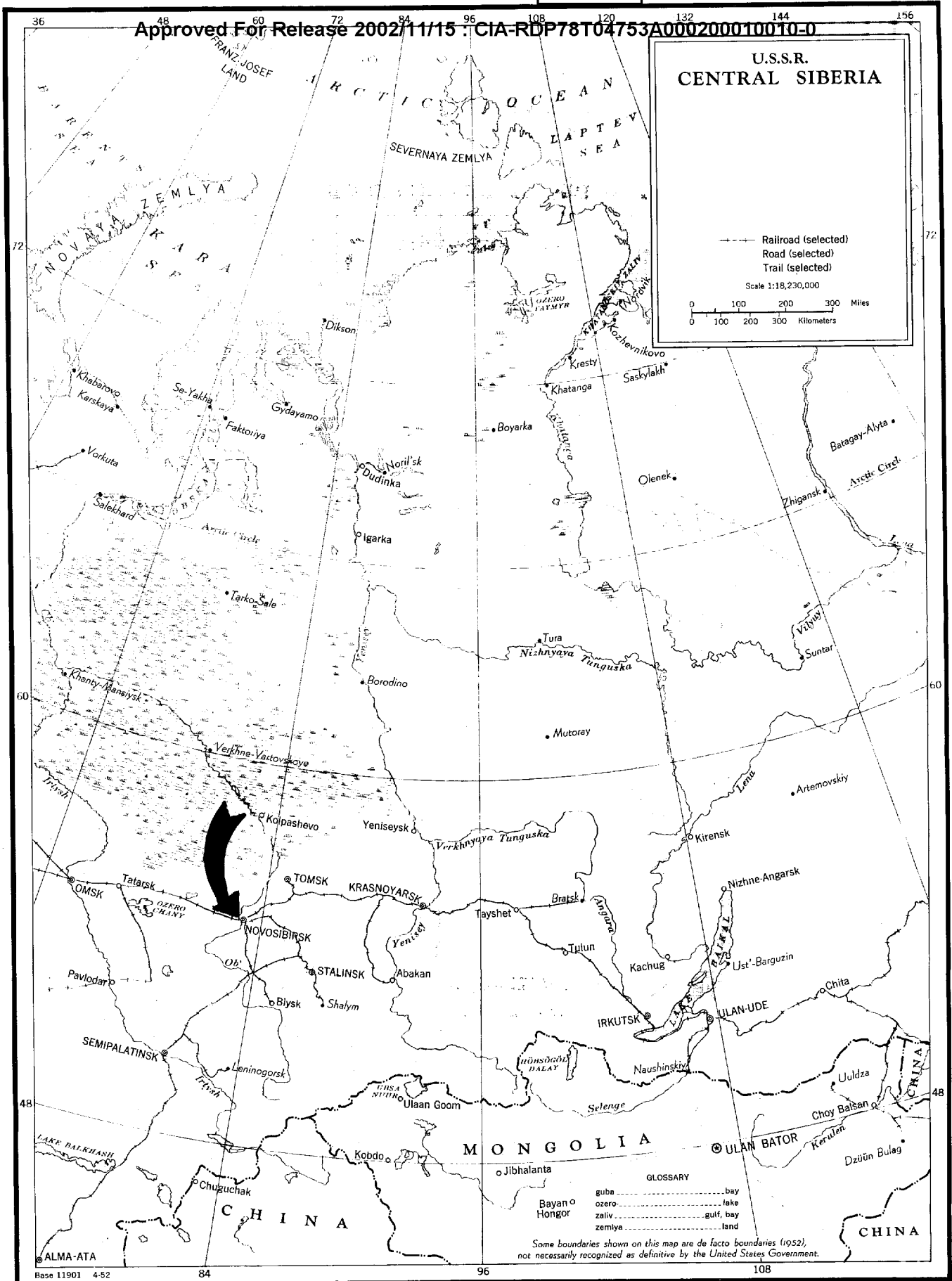
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HTA/JM-1758

RAILROAD YARDS AND SHOPS  
NOVOSIBIRSK, USSR

Novosibirsk is a major rail center in western Siberia. The Trans-Siberian Railroad crosses the navigable Ob' River at Novosibirsk and two other rail lines converge there: the double-track electrified railroad from the Kuznetsk coal basin, and the Turkestan-Siberian railroad from Barnaul.

A freight bypass line 42 miles long leads off the main line of the Trans-Siberian Railroad at Ob', 11 miles west of Novosibirsk. It swings south and crosses the Ob' River four miles south of the main east-west section of the Trans-Siberian Railroad on a double-track through-type steel truss bridge 3000 feet long. It connects again with the main line at Sokur, 22 miles northeast of Novosibirsk.

The Novosibirsk area rail complex includes the following major yards and rail facilities: Novosibirsk Railroad Station, Yards and Shops, Central; Novosibirsk Railroad Station and Yards, "Altaish"; Novosibirsk Railroad Station, Classification Yards and Shops, Inskaya; and the Novosibirsk Railroad Station and Yards, Northeast. The area is covered by photography taken [REDACTED]

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[REDACTED] Twenty-six locomotives and about 4500

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railroad cars in trains or lines of 15 or more cars are present in the four yards. About 3450 of these are hopper, gondola, and flat cars, 90 percent of which appear to be loaded. Detailed data on these cars and locomotives are presented in Table 1 through 3 and details of the rail facilities are identified on the accompanying series of annotated photographs and described in the following key to the annotations.

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KEY TO ANNOTATIONS

NOVOSIBIRSK RAILROAD STATION, YARDS AND SHOPS, CENTRAL (plate 2)

1. Holding yard (for freight cars waiting to be serviced or repaired), 10-12 tracks wide, maximum length 1870', effective length 900'.
2. Car repair shed, 200' x 60', with three through tracks.
3. Shop, 445' x 45'.
4. Steam locomotive shed, 230' by 65', with two through tracks.
5. Turntable, 100' diameter.
6. Coal storage area, with coaling tower serving two or three tracks.
7. Passenger car storage tracks, 12 tracks totalling approximately 12,500'.
8. Passenger car shed, 375' x 85', with four through tracks.
9. Car repair shed, 290' x 65', with two through tracks.
10. Locomotive light repair and maintenance shed, 330' x 65', with three through tracks.
11. Locomotive heavy repair shed, 380' x 70', with three tracks entering north end.
12. Two shops and one shed, 170' x 60', 85' x 55', and 140' x 65'.
13. Control tower, 30' x 20'.
14. Pedestrian overhead walkway, 750' long.
15. Holding and relay tracks, 16-18 tracks wide, average length 2500'.

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KEY TO ANNOTATIONS (cont'd)

16. Passenger area, two loading platforms served by five tracks.
17. Passenger station, 440' x 145', 4-5 stories high with covered walkway to loading platforms.
18. Pedestrian walkway to passenger platforms, 320' long.
19. Control tower, 30' x 20'.
20. Water tank, 30' diameter.
21. Transshipment shed, 450' x 90', railed served on each side.
22. Holding yard for local freight service, maximum length 3000', effective length 1800', 12-14 tracks wide.
23. Transshipment shed, 350' x 35', rail served on each side.
24. Two maintenance shpps, 145' x 20' and 50' x 20'.
25. Three warehouses, 115' x 20', 65' x 15' and 55' x 15'.
26. Railroad bridge over the Ob' River, single track, total length 3890' and  Consists of seven through steel trusses (five of which are 400' long and two 335' long) and two deck-type approach spans each 110' long. Piers are concrete construction and the water gap is approximately 2300'. Vertical clearance is estimated to be 40'.

NOVOSIBIRSK RAILROAD STATION AND YARDS, "ALTAISH" (plate 3)

1. Freight warehouse, and open storage area, 125' x 400' over-all. Eight warehouses, five 110' x 65', and one each 135' x 65', 175' x 50', and 135' x 50'; 6-8 sidings serve the area.
2. Holding yard, 5-7 tracks wide, maximum length 2500' and effective length 1900'.



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KEY TO ANNOTATIONS (cont'd)

3. Passenger station, 110' x 40'.
4. Roundhouse, 6-8 stalls.
5. Turntable, 70' diameter.
6. Shop warehouse, 85' x 35'.
7. Holding yard, four tracks wide with three by-pass tracks, maximum length 2000', effective length 1500'.

NOVOSIBIRSK RAILROAD STATION, CLASSIFICATION YARDS, AND SHOPS  
INSKAYA (plate 4)

WESTBOUND RAIL FACILITIES

1. Forwarding yard, seven tracks wide, maximum length 3800' and effective length 2600'. Two tracks serve as main line by-pass.
2. Classification yard, 22-24 tracks wide. Maximum length 4500' and effective length 3000'. Two tracks serve as main line by-pass yard possibly being widened by approximately five tracks.
3. Receiving yard, 14-16 tracks wide, maximum length 4300' and effective length 3000'. Two tracks serve as main line by-pass.
4. Water standpipe, 20' diameter and 45' high.
5. Hump, retarders, and control towers.
6. Car repair shed and shops, 170' x 80' with three through tracks and adjoining shops, 120' x 70' and 220' x 70'.
7. Pedestrian walkway, 1170' long.
8. Locomotive servicing shed, 115' x 65', with two through tracks.

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KEY TO ANNOTATIONS (cont'd)

9. Turntable, 100' diameter.
10. Coal storage area, approximately 900' x 150'.
11. Water standpipe, 40' diameter and approximately 120' high.
12. Probable car shed under construction, 250' x 75', with three through tracks.
13. Car shed, with three through tracks, 240' x 75' and connecting shop, 260' x 90'.
14. Control tower, 50' x 35' and approximately 55' high.
15. Passenger station, 85' x 40'.
16. Personnel building, T-shaped, 120' x 50' and 90' x 45'.
17. Two locomotive repair /maintenance sheds. One 400' x 80' with three tracks entering and one 450' x 100' with three through tracks.
18. Open storage area, fenced, 1400' x 200'.
19. Fenced, reserve area for steam locomotives, and rolling stock, 1450' x 410' and served by 10-12 tracks.
20. Turning loop.

EASTBOUND RAIL FACILITIES

21. Forwarding yard, 6-8 tracks wide, maximum length 3900' and effective length 2900'.
22. Classification yard, 17-19 tracks wide, maximum length 5000' and effective length 2900'.
23. Receiving yard, 6-8 tracks wide, maximum length 5000' and effective length 2400'.

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KEY TO ANNOTATIONS (cont'd)

EASTBOUND RAIL FACILITIES (cont'd)

24. Hump, retarders, and control tower.

NOVOSIBIRSK RAILROAD STATION AND YARDS, NORTHEAST (plate 5)

1. Holding yard, maximum length 4000', effective length 2500' and 12-14 tracks wide.
2. Passenger station, 105' x 50'.
3. Pedestrian walkway, 425' long.
4. Three transloading tracks, 1300' long.

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Novosibirsk Railroad Station, Yards and Shops Central</u>				
19	815	3 Hopper	3 Hopper 11 Gondola 2 Box	-
23	820	8 Hopper 2 Box	8 Hopper 3 Gondola 2 Flat	-
41	1700	9 Hopper 4 Box	6 Hopper 9 Gondola 10 Flat 3 Box	-
22	920	6 Hopper 1 Box	10 Gondola 3 Flat 2 Box	-
42	1650	8 Hopper 3 Box	9 Hopper 16 Gondola 3 Flat 3 Box	-
43	1700	-	23 Hopper 17 Gondola 3 Box	-
34	1200	12 Hopper 7 Box	4 Gondola 8 Flat 3 Box	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
Novosibirsk Railroad Station, Yards and Shops Central (cont'd)				
20	730	8 Hopper 1 Box	2 Hopper 7 Gondola 1 Flat 1 Box	-
26	1125	3 Hopper 1 Box	16 Gondola 2 Flat 4 Box	-
21	920	1 Hopper	5 Hopper 3 Gondola 4 Flat 8 Box	-
64	2220	5 Hopper	4 Gondola 47 Hopper 6 Flat 2 Box	1 Electric 1 Steam
34	1030	15 Hopper 12 Box	3 Gondola 4 Flat	-
35	1030	27 Hopper 4 Box	3 Hopper 1 Gondola	-
17	1300	-	17 Passenger	Electric
26	1150	-	22 Hopper 4 Gondola	Steam

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
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Novosibirsk Railroad Station, Yards and Shops Central (cont'd)

46	1850	8 Hopper	5 Hopper 25 Gondola 7 Flat 1 Box	-
33	1520	-	4 Hopper 23 Gondola 4 Flat 2 Box	-
23	960	3 Hopper	6 Hopper 9 Gondola 5 Flat	-
20	860	-	6 Hopper 11 Gondola 3 Box	-
56	2400	-	12 Hopper 44 Gondola	Steam
59	2420	2 Hopper	23 Hopper 15 Gondola 19 Tank	-
27	1000	5 Hopper 5 Flat	7 Hopper 10 Gondola	-
47	2100	-	47 Gondola	-
48	1850	-	48 Tank	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Novosibirsk Railroad Station, Yards and Shops Central (cont'd)</u>				
60	2400	9 Hopper 3 Box	14 Hopper 12 Gondola 4 Flat 16 Tank 2 Box	Steam
18	1160	-	18 Passenger	-
18	1160	-	18 Passenger	-
18	1100	-	18 Passenger	-
6	410	-	6 Passenger	-
12	940	-	12 Passenger	Steam
13	890	-	13 Passenger	Electric
29	1300	2 Hopper	3 Hopper 13 Gondola 4 Flat 7 Box	Electric
<u>Small Holding Yard</u>				
16	560	4 Hopper 2 Box	5 Hopper 2 Gondola 3 Flat	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Small Holding Yard (cont'd)</u>				
31	1125	5 Hopper	10 Hopper 6 Gondola 8 Flat 2 Box	-
22	860	6 Hopper 2 Flat	2 Hopper 8 Gondola 4 Flat	-
22	900	4 Hopper	6 Hopper 8 Gondola 4 Flat	-
16	500	4 Hopper 2 Box	8 Hopper 2 Gondola	-
15	530	5 Hopper	5 Hopper 5 Gondola	-
11	465	-	4 Hopper 5 Gondola 2 Box	-
9	330	4 Hopper	3 Hopper 2 Flat	-
28	1025	13 Hopper	4 Hopper 7 Gondola 4 Flat	-



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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Small Holding Yard (cont'd)</u>				
24	955	5 Hopper	9 Hopper 4 Gondola 4 Flat 2 Box	-
20	795	1 Hopper 9 Flat	5 Gondola 2 Flat 3 Box	Steam
12	595	-	4 Hopper 3 Gondola 3 Passenger 2 Box	-
15	725	1 Hopper	6 Hopper 6 Gondola 2 Passenger	-
12	955	-	12 Passenger	-
13	960	-	11 Passenger 2 Box	-
12	845	-	12 Passenger	Steam
12	955	-	12 Passenger	-
14	725	-	14 Box	-
7	580	-	7 Passenger	-
7	580	-	7 Passenger	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
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Small Holding Yard (cont'd)

7	565	-	7 Passenger	-
10	725	-	8 Passenger 2 Box	-

Novosibirsk Railroad Station and Yards, "Altaish"

25	1190	-	1 Hopper 18 Gondola 6 Box	-
16	500	6 Hopper 4 Box	1 Hopper 5 Gondola	-
37	1250	14 Hopper 3 Flat 6 Box	4 Hopper 6 Gondola 4 Box	-
25	1220	-	18 Gondola 7 Box	-

Cars in Warehouse Area and Yard Adjacent

68	2450	14 Hopper 4 Flat 20 Box	3 Hopper 2 Gondola 2 Flat 23 Box	-
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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
---------------------------	---------------------------	-------------------------------	-------------------------------	-------------------------------

Novosibirsk Railroad Station, Classification Yards and Shops, Inskaya

Westbound Traffic - Forwarding Yard

45	1715	3 Hoppers 3 Box	4 Hoppers 23 Gondola 4 Flat 1 Tank 7 Box	-
62	2450	11 Hopper	5 Hopper 22 Gondola 21 Flat 3 Box	-
62	2500	5 Hopper 7 Box	6 Hopper 30 Gondola 9 Flat 5 Box	-
57	2040	8 Hopper 5 Box	15 Hopper 6 Gondola 18 Flat 5 Box	-
51	2070	7 Hopper 9 Box	2 Hopper 17 Gondola 2 Flat 14 Box	Electric
34	1350	3 Hopper 2 Box	3 Hopper 13 Gondola 8 Flat 5 Box	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Classification Yard</u>				
53	2100	8 Hopper 3 Flat 11 Box	2 Hopper 14 Gondola 7 Flat 8 Box	-
35	1220	13 Hopper 6 Box	2 Hopper 11 Gondola 3 Box	-
13	520	4 Hopper 1 Box	5 Hopper 2 Flat 1 Box	-
48	1800	9 Hopper 2 Gondola 7 Box	4 Hopper 15 Gondola 8 Flat 3 Box	-
30	1200	2 Hopper 4 Box	3 Hopper 12 Gondola 5 Flat 4 Box	-
10	400	1 Hopper 1 Box	1 Hopper 3 Gondola 2 Flat 2 Box	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
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Classification Yard (cont'd)

49	1950	-	28 Hopper 11 Gondola 8 Flat 2 Box	-
34	1390	3 Hopper 3 Box	5 Hopper 9 Gondola 8 Flat 6 Box	-
56	2500	3 Hopper 4 Box	4 Hopper 23 Gondola 14 Flat 8 Box	-
26	1140	1 Hopper 2 Flat	2 Hopper 4 Gondola 12 Flat 4 Box	Steam
50	2040	10 Hopper 4 Box	3 Hopper 20 Gondola 9 Flat 4 Box	Steam
48	1850	2 Hopper 9 Box	22 Hopper 8 Gondola 6 Flat 1 Box	Steam
20	775	-	9 Hopper 6 Gondola 3 Flat 2 Box	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk. (cont'd)

Cars in Trains (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Classification Yards (cont'd)</u>				
19	675	5 Hopper 4 Box	7 Gondola 3 Flat	-
24	1000	4 Hopper 2 Flat 5 Box	1 Hopper 4 Gondola 4 Flat 4 Box	-
11	475	-	11 Flat	-
48	2000	3 Hopper 1 Flat 3 Box	5 Gondola 30 Flat 6 Box	-
22	960	1 Box	19 Flat 2 Box	-
20	700	5 Hopper	14 Flat 1 Box	-
28	1150	5 Hopper 5 Box	3 Gondola 9 Flat 6 Box	-
7	300	1 Flat	2 Gondola 1 Flat 3 Box	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Trains (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Classification Yard (cont'd)</u>				
34	1050	7 Hopper 3 Flat 10 Box	12 Flat 2 Box	-
7	280	2 Hopper 1 Box	1 Gondola 3 Flat	Steam
<u>Receiving Yard</u>				
49	2340	-	49 Gondola	-
48	2300	-	48 Gondola	-
51	2450	-	49 Gondola 2 Flat	-
36	1430	-	17 Hopper 18 Gondola 1 Flat	-
8	370	-	8 Flat	-
56	2350	-	25 Hopper 31 Gondola	Steam
41	1750	5 Hopper 2 Box	6 Hopper 21 Gondola 7 Box	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
---------------------------	---------------------------	-------------------------------	-------------------------------	-------------------------------

Receiving Yard (cont'd)

37	1570	4 Hopper 4 Box	14 Gondola 10 Flat 5 Box	-
57	2100	-	52 Hopper 5 Gondola	-
55	2150	-	30 Hopper 25 Gondola	-
44	2000	4 Hopper 2 Box	3 Hopper 35 Gondola	-
59	1980	13 Hopper 2 Flat 10 Box	18 Hopper 16 Gondola	Steam

Eastbound Traffic - Receiving Yard

64	2500	9 Hopper 2 Box	15 Hopper 22 Gondola 7 Flat 9 Box	-
57	2300	5 Hopper 7 Box	21 Gondola 4 Flat 20 Box	Steam
23	800	6 Hopper 4 Box	4 Gondola 9 Flat	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
---------------------------	---------------------------	-------------------------------	-------------------------------	-------------------------------

Eastbound Traffic - Receiving Yard (cont'd)

60	2460	11 Hopper 2 Flat 4 Box	4 Hopper 19 Gondola 15 Flat 5 Box	-
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Classification Yard

27	900	9 Hopper 2 Flat 7 Box	6 Gondola 3 Box	-
42	1570	13 Hopper 2 Flat 3 Box	2 Hopper 12 Gondola 4 Flat 6 Box	-
43	1950	7 Hopper 4 Flat	4 Hopper 13 Gondola 7 Flat 8 Box	Steam
18	620	3 Hopper	7 Gondola 2 Flat 6 Tank	-
57	2100	5 Hopper 8 Flat 2 Tank 4 Box	8 Hopper 8 Gondola 15 Flat 6 Tank 1 Box	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
<u>Classification Yard: (cont'd)</u>				
16	550	5 Hopper	2 Hopper 5 Gondola 4 Flat	-
34	1150	6 Hopper 5 Flat 4 Box	2 Hopper 11 Gondola 4 Flat 2 Box	-
35	1320	2 Hopper 6 Box	8 Gondola 17 Flat 2 Box	-
11	380	4 Hopper 1 Box	3 Gondola 3 Box	-
49	2170	2 Hopper 2 Flat 4 Box	2 Hopper 15 Gondola 21 Flat 3 Box	-
67	2660	6 Hopper 4 Box	5 Hopper 2 Gondola 40 Flat 7 Tank 3 Box	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
---------------------------	---------------------------	-------------------------------	-------------------------------	-------------------------------

Classification Yard (cont'd)

36	1300	6 Hopper 7 Flat 1 Box	2 Hopper 4 Gondola 14 Flat 2 Tank	-
58	2400	13 Hopper 2 Flat 6 Box	3 Hopper 15 Gondola 15 Flat 4 Box	-
20	760	4 Hopper	5 Hopper 8 Gondola 2 Flat 1 Box	-
53	2100	2 Hopper 9 Tank	2 Hopper 10 Gondola 9 Flat 19 Tank 2 Box	-
54	2240	4 Hopper 2 Gondola 2 Flat	8 Hopper 12 Gondola 22 Flat 4 Tank	-

Forwarding Yard

66	2500	12 Hopper 1 Flat 3 Tank 4 Box	6 Hopper 12 Gondola 10 Flat 12 Tank 6 Box	-
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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
---------------------------	---------------------------	-------------------------------	-------------------------------	-------------------------------

Forwarding Yard (cont'd)

63	2520	16 Hopper 4 Flat 5 Box	3 Hopper 16 Gondola 6 Flat 13 Box	3-Steam
48	1900	4 Hopper 2 Box	13 Hopper 10 Gondola 12 Flat 7 Tank	-
56	2500	-	22 Hoppers 26 Gondola 8 Flat	Steam

Novosibirsk Railroad Station and Yards, Northeast

22	810	5 Hopper 2 Box	11 Hopper 2 Gondola 2 Box	-
45	1800	1 Hopper	15 Hopper 17 Flat 10 Tank 2 Box	-
60	2500	-	51 Hopper 3 Gondola 6 Tank	-

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TABLE 1. Description of Trains or Lines of Cars at Novosibirsk (cont'd)

Cars in Train (number)	Length of Train (feet)	2-Axle Cars (no. and type)	4-Axle Cars (no. and type)	Locomotives (no. and type)
35	1500	-	2 Hopper 33 Tank	-
28	1250	-	20 Flat 8 Tank	-
33	1370	-	6 Hopper 27 Tank	-
22	950	-	22 Tank	-
33	1250	4 Hopper	8 Hopper 21 Flat	Steam
64	2310	22 Gondola 1 Hopper	13 Hopper 10 Gondola 18 Flat	Steam
55	2100	2 Hopper 3 Box	24 Hopper 8 Gondola 8 Flat 6 Tank 4 Box	Steam
Total	4504	924	3580	26

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TABLE 2. Railroad Cars at Novosibirsk, by Yard and Type

Yard	Hopper	Gondola	Tank	Box	Flat	Coach	Total
Central	460	378	83	117	114	183	1335
"Altaish"	43	49	-	70	9	-	171
Inskaya	689	853	78	406	575	-	2601
Northeast	143	45	112	13	84	-	397
<b>TOTAL</b>	<b>1335</b>	<b>1325</b>	<b>273</b>	<b>606</b>	<b>782</b>	<b>183</b>	<b>4504</b>

TABLE 3. 2-Axle and 4-Axle Cars at Novosibirsk by Type of Car

Type of Car	2-Axle	4-Axle	Total
Hopper	537	798	1335
Gondola	26	1299	1325
Flat	78	704	782
Tank	14	259	273
Box	269	337	606
Passenger	-	183	183
<b>TOTAL</b>	<b>924</b>	<b>3580</b>	<b>4504</b>

HTA/JM-1/58

REQUIREMENT: This Joint Intelligence Memorandum has been prepared at HTAUTOMAT by CIA with Army assistance, to satisfy Army requirements and RR/HTA/E/R69/57, requesting a description of the Novosibirsk Railroad Yards and Shops, and a count of cars and locomotives present in trains or lines of cars.

25X1D

REFERENCE:

ATMP: 0162-9998-1-25A, 3rd Ed., Jan 1957  
0162-9998-3-25A, 3rd Ed., Jan 1957  
0162-9998-4-25A, (Prov), 3rd Ed., Jan 1957

COORDINATES: 55° 02' N - 82° 56' E (Novosibirsk)

B. E. NUMBERS:

[ ] Novosibirsk  
[ ] Novosibirsk Railroad Station, Yards and  
Shops, Central  
[ ] Novosibirsk Railroad Station and Yards,  
"Altaish"  
[ ] Novosibirsk Railroad Station, Classification  
Yards and Shops, Inskaya  
[ ] Novosibirsk Railroad Station and Yards,  
Northeast

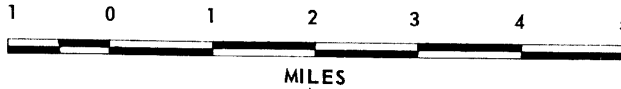
TOP SECRET

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25X1

RAILROAD YARDS AND SHOPS  
NOVOSIBIRSK, USSR  
55° 02' N - 82° 56' E

DATE OF PHOTOGRAPHY



Main Line

R.R. Yards and Shops, Central  
See Plate 2

Main Line

R.R. Station and Yards, "Altaish"  
See Plate 3

R.R. Station and Yards, Northeast  
See Plate 5

Freight Bypass

R.R. Yards and Shops, Ins'kaya  
See Plate 4

Freight Bypass

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TOP SECRET

25X1D

25X1



TOP SECRET

25X1

OB. RIVER

NOVOSIBIRSK RAILROAD STATION  
YARDS AND SHOPS, CENTRAL  
NOVOSIBIRSK, USSR

55°01'N - 82°54'E

DATE OF PHOTOGRAPHY

0 1000 2000 3000  
FEET

25X1D

25X1

NOVOSIBIRSK RAILROAD STATION AND YARDS, "ALTAISH"

NOVOSIBIRSK, U.S.S.R

55°00'N - 82°57'E

DATE OF PHOTOGRAPHY



OB. RIVER



**TOP SECRET**

NOVOSIBIRSK RAILROAD STATION  
CLASSIFICATION YARDS AND SHOPS, INSKAYA  
NOVOSIBIRSK, USSR

54° 57' N - 83° 07' E

DATE OF PHOTOGRAPHY

APPROX. SCALE 1: 15,000

25X1

25X1D



**TOP SECRET**

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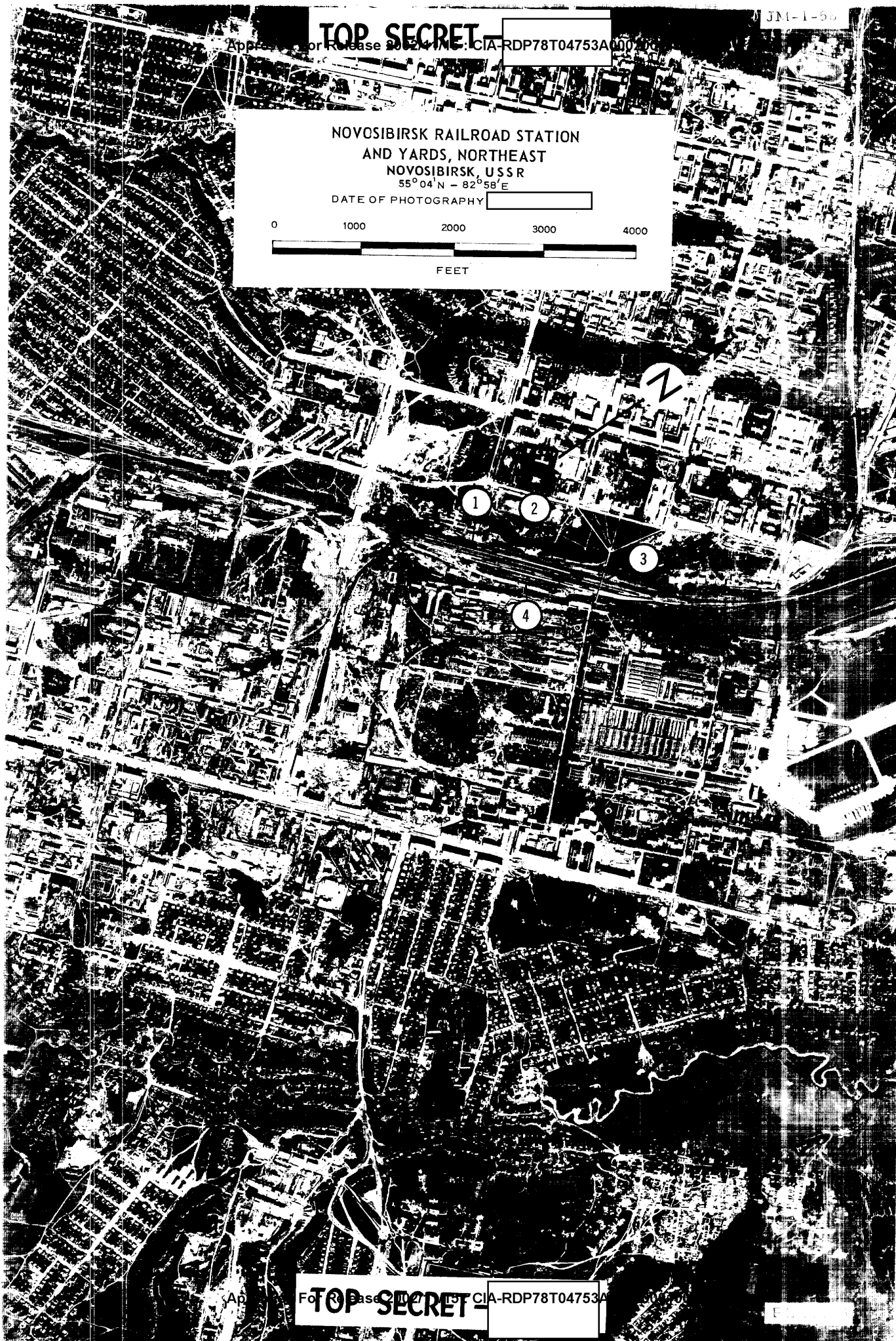
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JM-1-50

Approved for Release 2002/04/15 : CIA-RDP78T04753A000200

NOVOSIBIRSK RAILROAD STATION  
AND YARDS, NORTHEAST  
NOVOSIBIRSK, USSR  
55°04'N - 82°58'E

DATE OF PHOTOGRAPHY



25X1

25X1D

Approved for Release 2002/04/15 : CIA-RDP78T04753A000200

TOP SECRET

25X1

~~TOP SECRET~~—[REDACTED]

~~TOP SECRET~~—[REDACTED]